Install and Delete MIT Personal Certificate in Firefox

Install and Delete MIT Personal Certificate in Firefox

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Firefox 90 and Above

There are no extra steps beyond using CertAid. Starting with version 90, Firefox automatically finds and offers to use client authentication certificates provided by the operating system on macOS and Windows.

Firefox 89 and Below

Adding personal certificate

- 1. Navigate to https://ca.mit.edu/ca/
- 2. Enter your Kerberos username and password, click **Next**. *Result*. You will be prompted to authenticate with Duo.

IS&T Home > Certificate Server

Duo second-factor authentication is required.

	Device: ios (XXX-XXX-	•
	Choose an authentication method	
1°111	Duo Push RECOMMENDED	Send Me a Push
<u>What is this?</u> 더 Need help?	🛞 Call Me	Call Me
Powered by Duo Security	Passcode	Enter a Passcode

3. Authenticate with Duo Authentication.

Result. You will be brought to a page to generate a certificate for download.

iteps: 1. 2. 3.	
I. Generate a	Certificate for Download
Velcome	
You have successfu lownload your cer	ully logged into the MIT Certificate Server. You may now generate and tificate.
	e specify and confirm a password which will be used to protect your nloading and importing, click "Next", and make sure you save the certificate
vhen you import th nstructions on how he Knowledge Bas	oads folder. You will be prompted to specify the password specified here ne certificate, once it has been downloaded. Further information, and w to import your certificate once it has been downloaded, can be found in e.
vhen you import tl nstructions on hov	he certificate, once it has been downloaded. Further information, and w to import your certificate once it has been downloaded, can be found in e. 383
vhen you import tl nstructions on hov he Knowledge Bas Certificate life:	he certificate, once it has been downloaded. Further information, and w to import your certificate once it has been downloaded, can be found in e.
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vhen you import ti nstructions on how he Knowledge Bas Certificate life: life of 383 days is t	A certificate, once it has been downloaded. Further information, and w to import your certificate once it has been downloaded, can be found in e. 383 (Note: Certificates issued today expire no later than 08/01/2021. Help The default he maximum life from today.)
vhen you import ti nstructions on how he Knowledge Bas Certificate life: life of 383 days is t Import Password: Re-enter	An e certificate, once it has been downloaded. Further information, and w to import your certificate once it has been downloaded, can be found in e. 383 (Note: Certificates issued today expire no later than 08/01/2021. Help The default he maximum life from today.)
vhen you import ti nstructions on how he Knowledge Bas Certificate life: life of 383 days is t Import Password:	A certificate, once it has been downloaded. Further information, and w to import your certificate once it has been downloaded, can be found in e. 383 © (Note: Certificates issued today expire no later than 08/01/2021. Help The default the maximum life from today.) (Minimum 6 characters)
vhen you import ti nstructions on how he Knowledge Bas Certificate life: life of 383 days is t Import Password: Re-enter	A certificate, once it has been downloaded. Further information, and w to import your certificate once it has been downloaded, can be found in e. 383 © (Note: Certificates issued today expire no later than 08/01/2021. Help The default the maximum life from today.) (Minimum 6 characters)

- 4. Input a **one-time** import password in order to download your personal certificate, click **Next**. *Result*: You will be prompted to save your certificate to a location of your choice.
- This does not change your kerberos password. It is only a password for your file and not your account.
- IS&T Home > Certificate Server

Get an MIT Certificate	Opening kaleba-cert.p12				
Steps: 1. 2. 3.	You have chosen to open: -cert.p12				
III. Final Steps	which is: p12 File (2.6 KB) from: https://ca.mit.edu				
-	What should Firefox do with this file?				
Import your certificate	Open with Choose				
1	Save File				
You must import the downloaded certificate into the IS&T Knowledge Base for assistance.	Do this automatically for files like this from now on.				
To complete the process, you must install the MIT (
 Import the downloaded certificate into your browse Click to install the MIT Certificate Authority. If prompted, select Trust this CA to identify websi If the MIT Certificate Authority is already installed, t 					
Learn more about how to complete these steps.					
According to our records you last changed your	password on:				
Wed Apr 1 08:33:50 2020					
We recommend that people change their password at least once a year. You can change your password at this website https://ca.mit.edu/ca/cpw.					
Please take a moment to configure your wireless con wireless network. For instructions, please see: http://www.see.com/actions					

1. Save your personal certificate file to a suitable location. *Result*: Your personal certificate will be saved to that location.

://ca. mit.edu /ca/			🖂 1	☆ 👱 🛍 🗉	1 🔍	r Ę
				Sign in to Firefox		>
14117	Information Systems and Technology	Search IS&T and The Kno	wledge Base Search	In Protections Dashboard		
1	MIT Certificate			New Window New Private Window Restore Previous Session		¥%N ₩P
IS&T Home > Cer	tificate Server			Zoom - 100%	ት ዓ	_~ ©
Steps: 1. 2.	3.			Library	-	>
I. Identify Y	Yourself			Add-ons	0	*¥A
	ertificates on each computer and browser that y kstations. What is an MIT certificate? Learn more.	ou use, unless you only work		Customize		ж,
	out IS&T supported browsers.			Open File Save Page As		жо жs
Get the MIT Cer	rtificate Authority Certificate			Print		жP
	. The information you supply below is encrypted a is used briefly to generate your certificate and the			Q Find in This Page More Web Developer		₩F > >
Kerberos username:	(Your MIT Kerberos name)	What's this?		Web Developer What's New (?) Help		>
Kerberos password:	(Your Kerberos password)	What's this?		L		,
	Nextee					

2. From the **Menu** icon, click on **Options** (Windows) or **Preferences** (macOS). Search for "certificates", click on **View Certificates**. *Result*: The **Settings** window will open, and then the Certificate Manager will open.

	♀ certificates	8
Search Results		
Certificates		
When a server requests your personal certificate Select one automatically		
• Ask you every time	certif	icates
Query OCSP responder servers to confirm the current validity certificates	of View <u>C</u> er	tificates
	Security	<u>D</u> evices

	Certificate Ma	nager		
Your Certificates	Authentication Decisions	People	Servers	Authorities
You have <mark>certificates</mark> fro	om these organizations that iden	tify you		
Certificate Name	Security Device	Serial Number	Expire	es On 🛛 🖾
Certificate Name	Security Device	Serial Number	Expire	es On 🏻 🕅
View Backup	o Backup All Import	t Delete		
View Backup	p Backup All Import	L Delete		ОК

3. From the Certificate Manager, click on the **Your Certificates** tab, click on **Import**. *Result*. You will be brought to a window to select where your certificate will be saved.

	Down	loads 🗘	Q Search
Favorites Desktop Acintosh HD Corpbox (MIT) Recents Applications	mitca.crt	Ċ	Bertificane
Documents Downloads Creative Cloud iCloud			cert.p12
 iCloud Drive Locations Remote Disc Network 		Ta	mation exchange file - 3 KB gs Add Tags ed Today, 1:19 PM ed Today, 1:19 PM
Options			Cancel Open

4. Navigate to the location of your downloaded personal certificate, click on **Open**. *Result*: You will be prompted to enter a one-time password.

	onal certificate	Password Required - Mo: Please enter the password certificate backup:		OK	
ally		Certificate Ma	nager		×
ler sei	Your Certificates	Authentication Decisions	People	Servers	Authorities
l	You have certificates fro	m these organizations that ider	ntify you	Expire	es On R
l		Security Device	Serial Number	Expire	es On 🛱

5. Input the **one-time** password from step 3, click on **Ok**. Result. You should now see your personal certificate listed.

Certificate Manager					
Your Certificates	Authentication Decisions	People	Servers	Authorities	
You have <mark>certificates</mark> fro	m these organizations that ider	ntify you			
ertificate Name	Security Device	Serial Number	Expir	es On 🛛 🛤	
✓ Massachusetts Instit	ut				
	Software Security Device	00:93:84:4C:88	:95:F0: Augus	t 1, 2021	
View Backup	Backup All Impor	t Delete			
				ОК	

Removing personal certificate

- 1. From the Menu icon, click on Options (Windows) or Preferences (macOS)
- Search for "certificates", click on View Certificates
 From the Certificate Manager, click on the Your Certificates tab for Personal Certificates and Authorities for CA
- 4. Navigate to the certificate, click on Delete

Mac OS extra: Importing Your Firefox Certificate Certificate into keychain access.

Before trying the follow steps, please create the certificate file using the steps in Adding Personal Certificate above.

- 1. Open keychain access.
- 2. Click on login for the keychain we are using.
- 3. At the top click on file and select import items.
- 4. Locate the downloaded certificate file and click on it to highlight it in the folder it is saved and click on open.
- 5. After clicking on open, input the password you set for the certificate file created at step 5 of Adding Personal Certificate above.
- 6. This should import the certificate into the keychain.

Note: It is important to Run CertAid and select "Update my identity provider settings" if you use above steps to import your MIT personal certificate into keychain.

Change Firefox to "Ask Every Time" for the Preferred Certificate

- 1. In the address bar, navigate to about:config
- 2. Press "Accept the risk and continue"
- 3. Search for the preference named "security.default_personal_cert"
- 4. Select the pencil icon to edit its value and change it from "Select Automatically" to "Ask Every Time"

See Also

- Certificates Landing Page
- Firefox Landing Page

Have Questions or Still Need Help?

• Contact the IS&T Service Desk